

A door opener error-start prevention device

Abstract

A door opener error-start prevention device, comprising a door opener machine, an output shaft of which forms a pair of axial sliding slots by means of passing through a central hole, a sliding pin being inserted into the sliding slots, a compression spring in the central hole abutting against the sliding pin; a sprocket assembly which is connected to the output shaft, one end of which comprises a sprocket that synchronously moves with a sprocket of a rolling shaft of a door through a chain, and the other end of which comprises a sleeve, a pair of V-shaped slots being formed in respect to the sliding slots of the output shaft, and respective engaging with both ends of the sliding pin. When the door is jammed with the latch device, due to error-start, rotation of the output of the door opener is hindered, and said sliding pin 27 moves back toward a gradually larger opening, and compresses said swaying plate 30, then a switch device 31 is triggered to switch off an electrical power for said circuit for opening said door, and supplies a reverse current, so as to make said door opener 20 rotate in a reverse direction, and then make the door close and then return back to its original position.